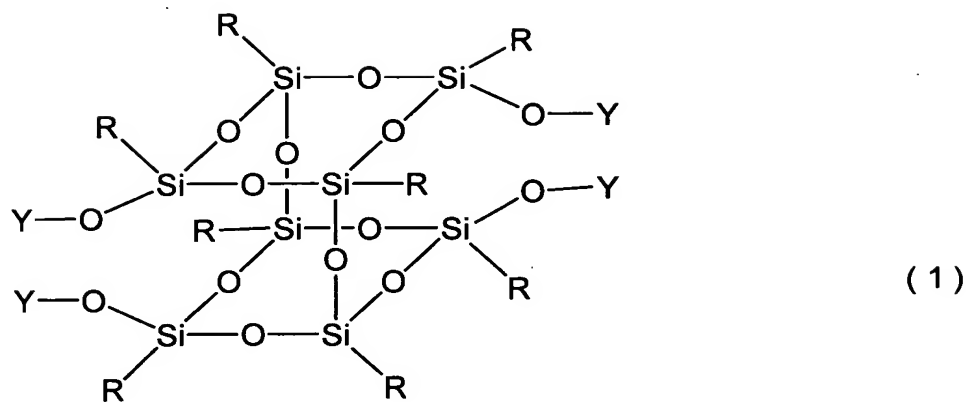


ABSTRACT

The invention relates to a silsesquioxane derivative (PSQ derivative) for use in electronic materials, optical materials, electro-optical materials or catalyst carriers, and to a method for producing it. Already-existing PSQ derivatives are problematic in that their compatibility with general organic polymers is not good. The invention provides a novel PSQ derivative improved in its compatibility with general organic polymers, and to provide a method for producing it within a short period of time and at low costs. The PSQ derivative of the invention is represented by Formula (1), and it may be utilized as additives to ordinary organic polymers for improving the flame retardancy, heat resistance, weather resistance, light resistance, electric insulating property, surface property, hardness, mechanical strength and chemical resistance thereof.



In Formula (1), R is hydrogen, alkyl, aryl or arylalkyl; at
 least one Y is a group represented by Formula (2) and the
 5 other Y is hydrogen; in Formula (2), R¹ and R² are a group
 independently defined similarly to R; and Z is preferably a
 functional group, or a group having a functional group.